

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: 10/066,854  
Filing Date: February 4, 2002  
Applicant: James E. Cook  
Group Art Unit: 3682  
Examiner: To be assigned  
Title: High Pressure Coolant System  
Attorney Docket: 5087-000001

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Hon. Commissioner of Patents and Trademarks  
Washington, D.C. 20231

**STATEMENT OF FACTS**

Sir:

Applicants respectfully submit the following statement of facts only in the interest of candor and without any admission that the activities listed are material to patentability. Applicants contend that each of the listed activities pertain to the experimental use of the High Pressure Coolant System.

On November 28, 1998, Morrell, Inc. offered to provide a coolant system for a machining cell which would be later used by Navistar to machine engine crankshafts. At that time, the cooling unit which was offered did not include a control unit as claimed in the pending application for use with the coolant system. In February of 2000, Morrell, Inc. performed an initial assembly test of an Accupressure control unit (a control unit as claimed for use with the High Pressure Coolant System of the present invention). In March of 2000, Morrell, Inc. offered to include an Accupressure control unit for

evaluation by Moehrle at no additional cost. On April 14, 2000, Moehrle was invoiced for the cooling system. Also, on April 14, 2000, Morrell, Inc. shipped a cooling system with an Accupressure control unit to Moehrle. Two additional cooling systems equipped with Accupressure control units were shipped on May 10 and May 19, 2000.

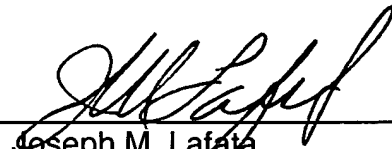
On or about June 15, 2000, Moehrle began assembling the machining center with the cooling system. A debugging phase followed where electrical and mechanical adjustments were made to the machining center. Approximately three months elapsed during the assembly and debugging phases. In August, 2000, experimental testing began on a machining center equipped with a cooling unit having an Accupressure control unit at Moehrle's facility located in Whitmore Lake, Michigan.

In October of 2000, one machining center equipped with the Accupressure control unit was shipped to Navistar. Machine installation at Navistar began in November of 2000 and continued through February, 2001. Testing of the high pressure coolant system equipped with the Accupressure control unit continues until the filing date of the present application.


Testing at a Morrell facility was not feasible due to the need for a large, costly and complex machining center. Testing was necessary because Morrell was unable to determine the response characteristics of the system without operating it in combination with a machining center. A large number of test variables including component design, tool type, tool geometry, component material and tool life were to be evaluated prior to determining if the Accupressure unit of the present invention actually worked according to plan.

Respectfully submitted,

Dated: May 8, 2002

By:   
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HDP/SB/21 based on PTO/SB/21 (08-00)

3682

# TRANSMITTAL FORM

Application Number	10/066,854
Filing Date	February 4, 2002
First Named Inventor	James E. Cook
Group Art Unit	3682
Examiner Name	To be determined
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GROUP 3600

Total Number of Pages in This Submission

## ENCLOSURES (check all that apply)

☐ Fee Transmittal Form

☐ Fee Attached

☐ Amendment / Response

☐ After Final

☐ Affidavits/declaration(s)

☐ Extension of Time Request

☐ Express Abandonment Request

☒ Information Disclosure Statement

☐ Certified Copy of Priority Document(s)

☐ Response to Missing Parts/  
Incomplete Application

☐ Response to Missing  
Parts under 37 CFR  
1.52 or 1.53

☐ Assignment Papers  
(for an Application)

☐ Drawing(s)

☐ Licensing-related Papers

☐ Petition

☐ Petition to Convert to a  
Provisional Application

☐ Power of Attorney, Revocation  
Change of Correspondence Address

☐ Terminal Disclaimer

☐ Request for Refund

☐ CD, Number of CD(s) \_\_\_\_\_

☐ After Allowance Communication to  
Group

☐ Appeal Communication to Board of  
Appeals and Interferences

☐ Appeal Communication to Group  
(Appeal Notice, Brief, Reply Brief)

☐ Proprietary Information

☐ Status Letter

☒ Other Enclosure(s)  
(please identify below):

**Form 1449; Statement of Facts;  
13 US references; return receipt  
postcard**

Remarks

The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

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Signature

Date

## CERTIFICATE OF MAILING/TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231, or facsimile transmitted to the U.S. Patent and Trademark Office on the date indicated below.

Typed or printed name JOSEPH M. LAFATA/DONALD G. WALKER

Signature

Date

MAY 9, 2002